

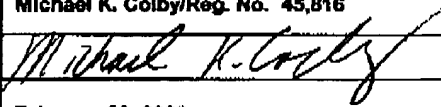
BEST AVAILABLE COPY

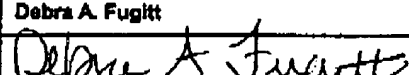
PTO/SB/21 (08-03)

Approved for use through 07/31/2006. OMB 0851-0091

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | | | |
|---|---|--|-------------------------|------------|
| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | | Application Number | 10/783,702 | |
| | | Filing Date | 2/19/2004 | |
| | | First Named Inventor | Joseph J. Brychell, III | |
| | | Group Art Unit | 2171 | |
| | | Examiner Name | | |
| Total Number of Pages in This Submission | | 4 | Attorney Docket Number | MS1-1612US |
| ENCLOSURES (check all that apply) | | | | |
| <input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance Communication to Group | | |
| <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences | | |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) | | |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information | | |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Power of Attorney, Revocation | <input type="checkbox"/> Status Letter | | |
| <input checked="" type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> Change of Correspondence Address | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Fee Transmittal; Information Disclosure Statement; PTO-1449 form | | |
| <input type="checkbox"/> Certified Copy of Priority Documents | <input type="checkbox"/> Terminal Disclaimer | | | |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application | <input type="checkbox"/> Request for Refund | | | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> CD, Number of CD(s) | | | |
| Remarks | | | | |
| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | | | |
| Firm or Individual Name | Michael K. Colby/Reg. No. 45,816 | | | |
| Signature |  | | | |
| Date | February 23, 2005 | | | |

| | |
|---|---|
| CERTIFICATE OF TRANSMISSION/MAILING | |
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. | |
| Typed or printed name | Debra A. Fugitt |
| Signature |  |
| Date | |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/17 (12-04)

Approved for use through 07/31/2008. OMB 0661-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | | |
|---|--|--|--|
| Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). FEE TRANSMITTAL For FY 2005 | | Complete if Known Application Number 10/783,702 Filing Date 2/19/2004 First Named Inventor Joseph J. Brychell, III Examiner Name Art Unit 2171 Attorney Docket No. MS1-1612US | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 | | | |
| TOTAL AMOUNT OF PAYMENT (\$) 0.00 | | | |

METHOD OF PAYMENT (check all that apply)

☐ Check
 ☐ Credit Card
 ☐ Money Order
 ☐ None
 ☐ Other (please identify): _____

☒ Deposit Account Deposit Account Number 12-0789 Deposit Account Name Lee & Hayes, PLLC

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below
 ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17
 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-3038.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

| Application Type | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
| | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | |

2. EXCESS CLAIM FEES

| Fee Description | Fee (\$) | Small Entity Fee (\$) |
|---|----------|-----------------------|
| Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent | 50 | 25 |
| Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent | 200 | 100 |
| Multiple dependent claims | 360 | 180 |

Total Claims - 20 or HP = _____ x $\frac{50}{HP}$ = _____ **Fee Paid (\$)** _____

Indep. Claims - 3 or HP = _____ x $\frac{200}{HP}$ = _____ **Fee Paid (\$)** _____

Multiple Dependent Claims - Fee (\$) _____ Fee Paid (\$) _____

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
|--------------|--------------|--|----------|---------------|
| _____ | _____ | _____ | _____ | _____ |

4. OTHER FEE(S)

| | Fee Paid (\$) |
|---|---------------|
| Non-English Specification, \$130 fee (no small entity discount) | 0.00 |
| Other: Information Disclosure Statement | |

| | | | |
|---------------------|-------------------------|-------------------------|--------------------------|
| SUBMITTED BY | | | |
| Signature | <i>Michael K. Colby</i> | Registration No. 45,816 | Telephone (509) 324-9256 |
| Name (Print/Type) | Michael K Colby | Date | 2/23/05 |

This collection of information is required by 37 CFR 1.138. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

RECEIVED
CENTRAL FAX CENTER

FEB 23 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.10/783,702
Filing Date 2/19/2004
Confirmation No. 5595
Inventorship Joseph J. Brychell, III
Applicant Microsoft Corporation
Group Art Unit 2171
Examiner
Attorney's Docket No. MS1-1612US
Title: Managing XML Documents Containing Hierarchical Database Information

INFORMATION DISCLOSURE STATEMENT*References -- See Attached Form PTO-1449***REMARKS**

The citations listed, copies attached, are submitted in compliance with the duty of disclosure defined in 37 CFR §1.56. The Examiner is requested to make these citations of official record in this application.

Respectfully Submitted,

Date: 2/23/05By: Michael K. Colby
Michael K. Colby
Reg. No. 45,816

PTO/SB/08A (08-03)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | |
|---|------------------------|--------------------------|-------------------------|
| Substitute for form 1449A/PTO | | Complete If Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | Application Number | 10/783,702 |
| | | Filing Date | 2/19/2004 |
| | | First Named Inventor | Joseph J. Brychett, III |
| | | Art Unit | 2171 |
| | | Examiner Name | |
| Sheet 1 of 1 | Attorney Docket Number | MS1-1612US | |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|-----------|------------------------------|----|--------------------------------|--|---|
| Examiner Initials* | Cite No.† | Document Number | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code‡ (if known) | | | | |
| | | US- 6,366,006 | B1 | 03-12-2002 | Lippert et al | |
| | | US- 6,480,860 | B1 | 11-12-2002 | Monday | |
| | | US- 6,631,379 | B2 | 10-07-2003 | Cox | |
| | | US- 6,631,519 | B1 | 10-07-2003 | Nicholson et al | |
| | | US- 6,636,089 | B1 | 10-21-2003 | Burkett et al | |
| | | US- 6,638,645 | B2 | 10-21-2003 | Chau et al | |
| | | US- 6,643,633 | B2 | 11-04-2003 | Chau et al | |
| | | US- 2001/0037345 | A1 | 11-01-2001 | Kleman et al | |
| | | US- 2002/0040469 | A1 | 04-04-2002 | Pramberger | |
| | | US- 2002/0100027 | A1 | 07-25-2002 | Binding et al | |
| | | US- 2002/0112224 | A1 | 08-15-2002 | Cox | |
| | | US- 2002/0133484 | A1 | 08-19-2002 | Chau et al | |
| | | US- 2002/0156772 | A1 | 10-24-2002 | Chau et al | |
| | | US- 2002/0158929 | A1 | 10-24-2002 | Hekmatpour | |
| | | US- 2002/0184219 | A1 | 12-05-2002 | Preisig et al | |
| | | US- 2002/0188891 | A1 | 12-26-2002 | Li et al | |
| | | US- 2003/0014397 | A1 | 01-16-2003 | Chau et al | |
| | | US- 2003/0056198 | A1 | 03-20-2003 | Al-Azzawe et al | |
| | | US- 2003/0081388 | A1 | 03-27-2003 | Brown et al | |
| | | US- 2003/0182268 | A1 | 08-25-2003 | Lal | |
| | | US- 2003/0187930 | A1 | 10-02-2003 | Ghafter et al | |
| | | US- 2003/0204511 | A1 | 10-30-2003 | Brundage et al | |
| | | US- 2003/0205815 | A1 | 11-06-2003 | Marappan | |
| | | US- 2003/0225788 | A1 | 12-04-2003 | Chaudhuri et al | |
| | | US- 2004/0002939 | A1 | 01-01-2004 | Arora et al | |
| | | US- 2003/0043988 | A1 | 03-06-2003 | Creamer et al | |

| | |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.87 and 1.88. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.